

CLAIMS

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1. Hearing aid with at least one primary sound to electric converting transducer converting sounds in the environment into electrical signals and a signal processing unit for amplifying the electrical signal according to the needs of the user and an electrical to sound transducer for receiving the amplified electrical signal and delivering a sound signal to the ear wherein at least one further sound to electrical transducer is provided whereby said further transducer has a sensitivity to wind noise which is smaller than the sensitivity to wind noise of the primary transducer and whereby the signal processing unit has means for detecting the level of wind noise in the signal from the primary sound to electric converting transducer, and means for selecting the signal to be amplified from either the primary- or the at least one further sound to electrical transducer.

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2. Hearing aid as claimed in claim 1, wherein the at least one further transducer is provided as a MEMS produced microphone on a chip having electric circuitry thereon.

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3. Hearing aid as claimed in claim 1 or 2, wherein the reduced wind noise sensitivity of the at least one further transducer is provided by the use of a wind screen.

4. Hearing aid as claimed in any of the above claims, wherein the reduced wind noise sensitivity of the at least one further transducer is provided by placing the sound inlet opening of said transducer at a wind protected location on the hearing aid.

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5. Method for processing the signals from sound to electrical transducers in a hearing aid whereby at least one main transducer is provided and whereby one further transducer is provided to be less sensitive to wind noise than the signal from a primary transducer and whereby the level of wind noise in the signal from the primary transducer is monitored and that the level of wind noise is used to determine

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whether the signal from the less wind noise sensitive further transducer or the signal from the primary transducer is used in the signal processing device for generating the sound signal at the ear of the user.